

**IN THE CLAIMS****1. (canceled)****2. (currently amended) A radio switching system comprising:**

a mobile subscriber;

a base station controller for controlling a transmission and reception of a signal from the mobile subscriber within its own cell;

a mobile switching center connecting with a plurality of base station controllers; and

a home location register for storing home zone information indicating whether or not the mobile subscriber is a subscriber of a home zone service, which restricts a moving area of the mobile subscriber, wherein

the mobile switching center judges responsively to a position registration request inside/outside a home zone, which is a cell and location registration area or another newly defined zone unit, by the mobile subscriber, whether or not the registration is accepted in the home zone, based on the home zone information transmitted from the home location register, and

wherein each time a radio area is changed by a hand-over[[,] of the mobile subscriber, ~~based on the home zone information, the mobile switching center further performs a processing in response to registration conditions inside/outside the home zone of the mobile subscriber~~ receives a hand-over request, first selects a hand-over destination by judging whether or not a base station controller as a hand-over destination candidate is under control of the home zone, and in the case where the hand-over destination candidate is under control of the home zone, renews and stores the number of times of hand-over and hand-over area information to transmit

to an accounting center as accounting information, so as to utilize an accounting calculation.

**3. (canceled)**

**4. (original)** The radio switching system according to claim 2, further comprising a plurality of the mobile switching centers, wherein when the change of the radio area by the hand-over of the mobile subscriber strides over the plurality of mobile switching centers, the home zone information is added to existent hand-over messages, and is transmitted and received between the plurality of mobile switching centers.

**5. (previously presented)** The radio switching system according to claim 2, wherein the mobile switching center collects a history in the hand-over during speaking by a telephone as accounting information.

**6. (previously presented)** The radio switching system according to claim 5, wherein the history in the hand-over is the number of times of hand-over, positions of an ex-address and new address, or cell information.

**7. (canceled)**

**8. (previously presented)** The radio switching system according to claim 2, comprising means for notifying the mobile subscriber of the point of time when an access by the mobile subscriber is caused and a fact that the subscriber is inside or outside the home zone during

speaking by the telephone.

9. (currently amended) The radio switching system according to claim [[2]] 8, wherein the means for notifying the mobile subscriber sends audible information or text information.

10. (currently amended) The radio switching system, comprising:

a mobile subscriber;

a base station controller for controlling a transmission and reception of a signal of the mobile subscriber within its own cell;

a mobile switching center connecting with a plurality of the base station controllers; and

a home location register for storing home zone information whether or not the mobile subscriber is a subscriber of home zone services, wherein

the mobile switching center sets a location registration area as a home zone, a first location registration being performed on the location registration area where, after the mobile subscriber subscribed in the home zone services makes a service subscription request in the mobile switching center, a location registration is first performed, or [[a]] the mobile switching center sets location registration area areas as a home zone, until the number of location registration areas on which location registrations have been performed reaches a predetermined number, in the case where the mobile switching center the mobile subscriber desires to register a plurality of areas, the number of areas which are registered the positions reaches a predetermined number is established as a home zone.

11. (currently amended) A radio switching system, comprising:

~~\_\_\_\_\_~~ a mobile subscriber;

a base station controller for controlling a transmission and reception of a signal of the mobile subscriber within its own cell;

a mobile switching center connecting with a plurality of the base station controllers; and

a home location register for storing home zone information whether or not the mobile subscriber is a subscriber of home zone services, wherein

the mobile switching center has means for counting the number of times of ~~location~~ registration of each area in which that the mobile subscriber subscribed in the home zone services ~~performed the~~ performs location registration in each area within a predetermined period of time, and the mobile switching center sets as a home zone the location registration area where the number of times of registration counted by the counting means is high after the predetermined period of time is expired ~~is high is established as a home zone.~~

12. (canceled)

13. (currently amended) A method of collecting accounting information in a mobile switching center in a radio switching system,

the method comprising:

in the mobile switching center, receiving a hand-over request, first selecting a hand-over destination by judging whether or not a base station controller as a hand-over destination candidate is under control of the home zone; and in the case where the hand-over destination candidate is under control of the home zone, renewing and storing the number of times of hand-over and hand-over area information to generate accounting information; and

in an accounting center, receiving from [[a]] the mobile switching center accounting information  
~~which the switching center generates~~ based on controlling a hand-over; and

editing the accounting information based on account conditions in accordance with the  
hand-over,

wherein the accounting information contains a subscriber identifier, and recognition  
information including one of the interior and exterior of a home zone, which is a cell and  
location registration area or another newly defined zone unit, assigned to the subscriber  
identifier.